Cyclopeptide F, Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP16057*

Size *0.05 mg (E-Coli)/0.2 mg (E-Coli)/0.5 mg (E-Coli)/0.05 mg (Yeast)/0.05 mg (Baculovirus)/0.2 mg (Yeast)/1 mg (E-Coli)/0.5 mg (Yeast)/0.1 mg (Baculovirus)/0.05 mg (Mammalian-Cell)/1 mg (Yeast)/0.5 mg (Baculovirus)/0.1 mg (Mammalian-Cell)/1 mg (Baculovirus)*

Species
Annona cherimola (Custard apple) (Cherimoya)

Full Product Name
Recombinant Annona cherimola Cyclopeptide F

Product Synonym Names
Recombinant Cyclopeptide F; Cyclopeptide F

Purity
Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence
PGMGIYLPM

Sequence Positions
1-9aa; Cytoplasmic domain

Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
978 Da

Storage
Store at -20℃. For extended storage, store at -20 or -80℃.

Protein Family
Cyclopeptide

NCBI Accession
P85002.1

NCBI GI
116243096

NCBI Official Full Name
Cyclopeptide F

UniProt Protein Name
Cyclopeptide F

UniProt Entry Name
CYCLF_ANNCH

UniProt Primary Accession

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P85002

UniProt Comments

Function: Probably participates in a plant defense mechanism. Has cytotoxic activity against human nasopharyngeal carcinoma with an IC50 of 60 nM. Post-translational modification: This is a cyclic peptide. Mass spectrometry: Molecular mass is 960 Da from positions 1 - 9. Determined by ESI.

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